



AYDIN ADNAN MENDERES UNIVERSITY COURSE INFORMATION FORM

Course Title	Pathogenesis of Bacterial Infections in Pigs								
Course Code	MİK656		Course Level		Third Cycle (Doctorate Degree)				
ECTS Credit	2	Workload	51 (Hours)	Theory	2	Practice	0	Laboratory	0
Objectives of the Course	The objective of this course is to give information about pathogenesis of bacterial infections in pigs.								
Course Content	Necropsy findings and pathogenesis of bacterial diseases of pigs.								
Work Placement	N/A								
Planned Learning Activities and Teaching Methods	Explanation (Presentation), Demonstration, Discussion, Case Study								
Name of Lecturer(s)	Prof. Göksel ERBAŞ								

Assessment Methods and Criteria		
Method	Quantity	Percentage (%)
Assignment	2	20
Quiz	2	20
Midterm Examination	1	20
Final Examination	1	40

Recommended or Required Reading	
1	Koneman's Color Atlas and Textbook of Diagnostic Microbiology
2	Bergey's manual of systematic bacteriology
3	An Outline of Swine Diseases
4	Swine Diseases 9th edition
5	Veteriner Bakteriyoloji

Week	Weekly Detailed Course Contents & Teaching Methods	
1	Theoretical	Actinobacillus pleuropneumoniae infections
2	Theoretical	Brucellosis infections
3	Theoretical	Clostridial infections
4	Theoretical	Erysipelas infections
5	Theoretical	Escherichia coli infections
6	Theoretical	Haemophilus parasuis and Pneumonic Pasteurellosis infections
7	Theoretical	Leptospirosis infections
8	Theoretical	Mycoplasma infections
9	Theoretical	Salmonella infections
10	Theoretical	Spirochetosis infections
11	Theoretical	Streptococcus infections
12	Theoretical	Dysentery infections
13	Theoretical	Tuberculosis
14	Theoretical	Other bacterial infections

Workload Calculation				
Activity	Quantity	Preparation	Duration	Total Workload
Lecture - Theory	14	0	2	28
Assignment	2	1	1	4
Quiz	2	2	1	6
Midterm Examination	1	5	1	6



Final Examination	1	5	2	7
	Total Workload (Hours)			51
	[Total Workload (Hours) / 25*] = ECTS			2
*25 hour workload is accepted as 1 ECTS				

Learning Outcomes

1	1. Having information about pathogenesis of bacterial diseases of pigs
2	2. Having information about diagnosis in bacterial diseases of pigs
3	3. Having information about therapy in bacterial diseases of pigs
4	4. Having information about prevention in bacterial diseases of pigs
5	5. Providing ability to use these informations

Programme Outcomes (Microbiology (Veterinary Medicine) Doctorate)

1	Department has the ability to identify and apply information about bacteriology, virology, mycology and has the ability to recognize diseases about veterinary medicine.
2	Department has the ability to take the advantage of technology and has the ability to diagnose, treat and prevent the diseases by using appropriate equipments.
3	Department has the ability to analyze the epidemiological compounds of an animal population and has the ability to get precautions.
4	Department has the ability to test or analyze the diseases and has the ability to evaluate the results.
5	Department has the ability to perform, produce and conclude projects for scientific researches.
6	Department has the ability to donate theoretical and practical knowledge about postgraduate students in the are of microbiology.
7	Graduate students has the ability to perform scientific researches.

Contribution of Learning Outcomes to Programme Outcomes 1:Very Low, 2:Low, 3:Medium, 4:High, 5:Very High

	L1	L2	L3	L4	L5
P1	4	4	3	5	4
P2	4	5	5	4	4
P3	5	4	3	5	4
P4	4	5	5	4	4
P5	4	4	5	5	4
P6	4	4	4	3	4
P7	5	5	5	5	5

